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TITLE: LIQUID CRYSTAL DISPLAY

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AMENDED CLAIMS

1-11. (cancelled)

12. (new) A liquid crystal display comprising a ferroelectric liquid crystal sandwiched between two substrates,

wherein an electrode and a photo alignment layer are each successively formed on opposite faces of the two substrates facing each other; and

a constituent material of the respective photo alignment layer has a different composition with the ferroelectric liquid crystal sandwiched therebetween.

13. (new) The liquid crystal display according to claim 12, wherein the constituent material of the respective photo alignment layer is a photo-isomerizable material comprising a photo-isomerization-reactive compound which generates a photo-isomerization reaction to give anisotropy to the respective photo alignment layer.

14. (new) The liquid crystal display according to claim 13, wherein the photo-isomerization-reactive compound is a compound which has dichroism that different absorptivities are exhibited depending on a polarization direction thereof and further generates the photo-isomerization reaction by a light irradiation.

15. (new) The liquid crystal display according to claim 13, wherein the photo-isomerization reaction is a cis-trans isomerization reaction.

16. (new) The liquid crystal display according to claim 14, wherein the photo-isomerization reaction is a cis-trans isomerization reaction.

17. (new) The liquid crystal display according to claim 13, wherein the photo-isomerization-reactive compound is a compound having, in a molecule thereof, an azobenzene skeleton.

18. (new) The liquid crystal display according to claim 13, wherein the photo-isomerization-reactive compound is a polymerizable monomer having, as its side chain, an azobenzene skeleton.

19. (new) The liquid crystal display according to claim 12, wherein the ferroelectric liquid crystal exhibits mono-stability.

20. (new) The liquid crystal display according to claim 13, wherein the ferroelectric liquid crystal exhibits mono-stability.

21. (new) The liquid crystal display according to claim 12, wherein the ferroelectric liquid crystal is a liquid crystal having, in a phase series thereof, no smectic A phase.

22. (new) The liquid crystal display according to claim 13, wherein the ferroelectric liquid crystal is a liquid crystal having, in a phase series thereof, no smectic A phase.

23. (new) The liquid crystal display according to claim 12, wherein the ferroelectric liquid crystal is a liquid crystal which constitutes a single phase.

24. (new) The liquid crystal display according to claim 13, wherein the ferroelectric liquid crystal is a liquid crystal which constitutes a single phase.

25. (new) The liquid crystal display according to claim 12, wherein the liquid crystal display is driven by an active matrix system using a thin film transistor.

26. (new) The liquid crystal display according to claim 13, wherein the liquid crystal display is driven by an active matrix system using a thin film transistor.

27. (new) The liquid crystal display according to claim 12, wherein the liquid crystal display is displayed by a field sequential color system.

28. (new) The liquid crystal display according to claim 13, wherein the liquid crystal display is displayed by a field sequential color system.